

## **C-8 Sampling and Treatment Under**

### **WV and EPA Orders to DuPont**

#### **Washington Works Facility**

##### **1. 2001 – 2002 WVDEP Consent Order and EPA Emergency Order**

###### ***Local Landfill and Washington Works Facility:***

One-mile radius, 44 samples taken, Two-mile radius 65 samples taken.

Drinking water well levels ranged from 0.328 µg/l to 2.8 µg/l.

Non-drinking water well levels as high as 14.3 µg/l.

###### ***Dry Run Landfill:***

One-mile radius only, 53 samples taken. Drinking water wells ranged from non-detect to 0.422 µg/l. Non-drinking water wells were as high as 0.839 µg/l.

###### ***Letart Landfill:***

One-mile radius only, 30 samples taken. Drinking water wells ranged from non-detect to 0.139 µg/l. Non-drinking water wells as high as 0.636 µg/l.

- No samples exceeded the DW screening level for C-8 of 150 µg/l.

##### **2. November 2006 EPA Emergency Order**

Drinking Water Screening level reduced to 0.50 µg/l based on new toxicological studies. As a result of existing sampling data and new sampling data based on a more comprehensive area, about 80 residences in WV and Ohio were either provided with granular activated carbon (GAC) filtration or hooked up to the nearby public water supply.

EPA Order required installation of carbon filtration at Lubeck, WV and Little Hocking, Oh Public Water supplies. Lubeck PWS serves over 10,000 and Little Hocking PWS serves over 12,000. Note that under a civil settlement, there was some of the same activities were taking place.

### **3. March 2009 Emergency Order**

The EPA Office of Water developed a Provisional Health Advisory of 0.4 µg/l for PFOA in January 2009. EPA Regions 3 and 5 issued a new Order requiring the lower trigger level for action. The Order also required an expanded area for sampling and also sampling of all new or previously untested water supplies, public and private, within the expanded sampling area. To date there have been an additional 12 – 14 homes which have required the installation of carbon filtration or have been connected to public water supplies.